

WHAT IS CLAIMED IS:

1. A surgical operation instrument comprising:
an insertion section insertable into a body
cavity;

5 a treatment section provided at the distal end of
the insertion section and including a pair of jaws
which are openable/closable and which are rotatable
relative to an axis of the insertion section;

10 an operation section provided at the proximal end
of the insertion section and including handles which
are openable/closable; and

15 a driving rod which connects the treatment section
and the operation section together and which is
advanced or retracted in an axial direction of the
insertion section,

an opening/closing operation of the handles
causing an advancing/retracting movement of the driving
rod in such a manner as to open/close the jaws of the
treatment section, and

20 a rotation of the operation section causing the
advancing/retracting movement of the driving rod in
such a manner as to rotate the treatment section
relative to the axis of the insertion section.

25 2. A surgical operation instrument comprising:
an insertion section insertable into a body
cavity;

a first coupling member provided at the proximal

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end of the insertion section and being rotatable on a first pivot in a first direction;

a handle provided for the first coupling member and rotatable on a second pivot in a second direction perpendicular to the first direction;

a second coupling member provided for the handle; and

a pair of driving rods connected to the second coupling member at positions sandwiching the second pivot,

said handle being rotatable from side to side and also being rotatable upward or downward with the second pivot as a support point,

said pair of driving rods moving in opposite directions along the axis of the insertion section when the handle is rotated from side to side relative to the first pivot, and moving in one direction along the axis of the insertion section when the handle is rotated up or down with the first pivot as a support point.

3. A surgical operation instrument according to claim 1, wherein said insertion section includes a small-diameter pipe, and said small-diameter pipe contains a plurality of driving rods extending in the axial direction and being able to advance or retract independently.

4. A surgical operation instrument according to claim 1, wherein said handle includes a first handle

and a second handle, said first handle is rotatable from side to side relative to the first coupling member, with the first pivot as a support point, and is also rotatable upward or downward, with the second
5 pivot as a support point, and said second handle is rotatable upward or downward relative to the first handle.

5. A surgical operation instrument according to claim 4, wherein said first handle is coupled to the
10 treatment section by means of a pair of driving rods and allows the jaws of the treatment section to rotate from side to side and up and down.

6. A surgical operation instrument according to claim 4, wherein said second handle is coupled to the
15 treatment section by means of a single driving rod and allows the jaws of the treatment section to open or close.

7. A surgical operation instrument according to claim 4, wherein, when the second handle is rotated
20 downward relative to the first handle, with the second pivot as a support point, and becomes parallel to the first handle, the driving rods are retracted, allowing said pair of jaws to close and linearly extend, and allowing the first and second handles and said pair of
25 jaws to be on the axis of the insertion section.

8. A surgical operation instrument according to claim 4, wherein, when the first and second handles are

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rotated upward while maintaining a parallel state, said pair of driving rods are retracted simultaneously along the insertion section, directing said pair of jaws downward in a closed state.

5 9. A surgical operation instrument according to claim 4, wherein, when the first and second handles are rotated together from side to side, with a pivot as a support point, one of said pair of driving rods is retracted, and another one is advanced, thereby
10 rotating said pair of jaws from side to side.

 10. A surgical operation instrument according to claim 4, wherein, when the first and second handles are opened or closed by rotating the second handle up or down relative to the first handle, the driving rods are
15 advanced or retracted, allowing said pair of jaws to open or close.

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